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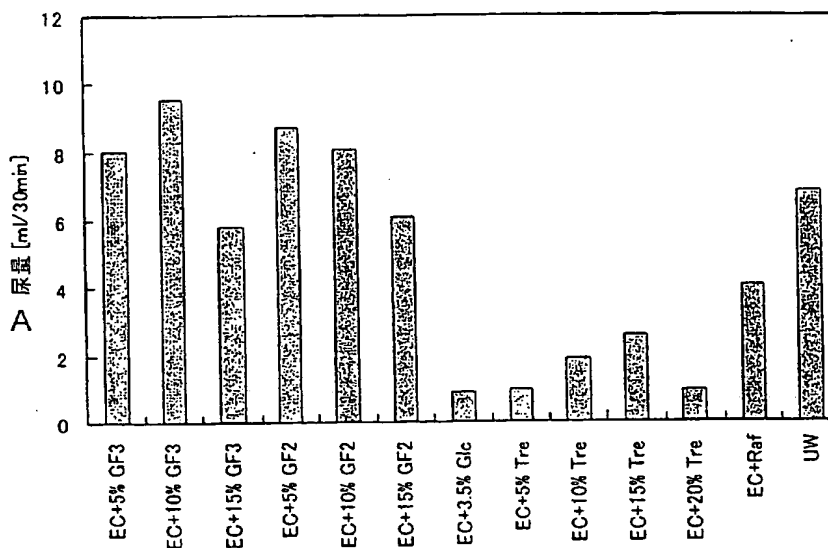
(MASAKI, Yoshihiko) [JP/JP]; 〒228-0829 神奈川県相模原市北里1丁目15番1号 北里大学医学部内 Kanagawa (JP). 吉田 一成 (YOSHIDA, Kazunari) [JP/JP]; 〒228-0829 神奈川県相模原市北里1丁目15番1号 北里大学医学部内 Kanagawa (JP). 遠藤 志雄 (ENDO, Tadao) [JP/JP]; 〒228-0829 神奈川県相模原市北里1丁目15番1号 北里大学医学部内 Kanagawa (JP). 中村 博文 (NAKAMURA, Hirofumi) [JP/JP]; 〒350-0214 埼玉県坂戸市千代田5丁目3番1号 明治製菓株式会社ヘルス・バイオ研究所内 Saitama (JP). 田代 靖人 (TASHIRO, Yasuhito) [JP/JP]; 〒210-0913 神奈川県川崎市幸区堀川町580 ソリッドスクエアビル 明治製菓株式会社内 Kanagawa (JP).

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[続葉有]

(54) Title: COMPOSITION FOR STORING ORGAN AND METHOD OF STORING ORGAN

(54) 発明の名称: 臓器保存用組成物および臓器の保存方法



A...URINE VOLUME (ml/30min)

(57) Abstract: A composition for storing an organ which contains fructan of the inulin type as the active ingredient. Using this composition, deterioration in the functions and damages in the histological structure of an organ can be prevented and the storage conditions of the organ can be improved in, for example, an organ transplantation process.

[続葉有]



(81) 指定国 (国内): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI 特許 (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

(57) 要約: 本発明は、イヌリン型フルクタンを有効成分として含んでなる臓器保存用組成物に関する。本発明の臓器保存用組成物によれば、臓器移植等の過程において、臓器機能の低下や組織学的構造の損傷を抑制し、臓器の保存状態を改善することができる。

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP03/04024

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ A01N1/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ A01N1/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 8-34701 A (Kabushiki Kaisha Seitai Kagaku Kenkyusho), 06 February, 1996 (06.02.96), Claims; particularly, Claims 3, 26, 34; Par. No. [0019] & EP 664080 A1	1, 7-12, 16, 17 2-6, 13-15
Y	JP 5-38284 A (The Hokuren Federation of Agricultural Cooperations, Japan), 19 February, 1993 (19.02.93), Claims (Family: none)	2-6, 13-15
Y	JP 7-99965 A (Meiji Seika Kaisha, Ltd.), 18 April, 1995 (18.04.95), Claims (Family: none)	2-6, 13-51



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
16 June, 2003 (16.06.03)Date of mailing of the international search report
01 July, 2003 (01.07.03)Name and mailing address of the ISA/
Japanese Patent Office

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP03/04024

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 580444 A1 (ROUSSEL MORISHITA Co., Ltd.), 26 January, 1994 (26.01.94), Claims & JP 6-40801 A	5, 6